

# Comparisons of Job Characteristics

**Focus Occupation:** [Operating Engineers and Other Construction Equipment Operators \(47-2073\)](#)

**Associated Occupation:** [Earth Drillers, Except Oil and Gas \(47-5021\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 81

**Focus Occupation:** Operating Engineers and Other Construction Equipment Operators (47-2073)

**Associated Occupation:** Earth Drillers, Except Oil and Gas (47-5021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	15.0	13.4	< Expanded education and/or training may be required
Public Safety and Security	6.9	9.2	10.5	> Current knowledge level is likely sufficient
Building and Construction	4.0	7.6	15.0	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 90

**Focus Occupation:** Operating Engineers and Other Construction Equipment Operators (47-2073)

**Associated Occupation:** Earth Drillers, Except Oil and Gas (47-5021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	13.0	13.4	0 Current skill level may be sufficient
Operation Monitoring	6.6	13.0	10.0	<< Extensive development of skills in this area may be required
Equipment Maintenance	3.5	9.0	6.9	< A higher skill level may be required
Repairing	3.4	8.4	6.4	< A higher skill level may be required
Troubleshooting	4.5	8.0	6.6	< A higher skill level may be required
Equipment Selection	3.3	7.3	4.9	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities	Similarity of Focus Occupation to Associated Occupation: 90
-----------	---

<b>Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)</b> <b>Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)</b>
---

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	13.9	12.6	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	12.3	13.2	0	Current ability level may be sufficient
Reaction Time	4.8	11.5	9.7	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.4	9.0	<	Some improvement in abilities may be required
Depth Perception	5.3	10.8	12.2	>	Current ability level is likely sufficient
Rate Control	3.8	10.6	8.6	<	Some improvement in abilities may be required
Response Orientation	4.0	10.2	8.7	<	Some improvement in abilities may be required
Hearing Sensitivity	5.6	9.2	8.1	<	Some improvement in abilities may be required
Spatial Orientation	2.7	6.5	5.3	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 80
---	---

<b>Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)</b> <b>Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)</b>
---

Work Activities	Exclusivity of Activity
Maintain or repair construction machinery or equipment	77
Operate earth-moving or other heavy construction equipment	80
Operate hoist, winch, or hydraulic boom	34
Operate power driven pumps	66
Operate tractor with accessories or attachments	76
Signal directions or warnings to coworkers	42
Use hand or power tools	2
Use measuring devices in construction or extraction work	41

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Operating Engineers and Other Construction Equipment Operators (47-2073)**

**Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)**

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.